

ABSTRACT

In transparent glazing with a field of view that can be darkened over a portion of its surface by electrically controlling at least one functional element incorporated into a multilayer composite, the light transmission of which glazing can be varied reversibly, in which portion the functional element, in particular in the form of a solid-state electrochromic multilayer system, comprises at least one electrochromic functional layer enclosed between two surface electrodes, the surface electrodes (2E, 4) of the functional element (2) and their leads (12, 14, 16, 18, 19, 20) are, in accordance with the invention, matched to one another and spaced spatially with respect to one another in such a way that the darkening starts at one edge of the functional element and, with a remaining voltage applied between the surface electrodes (2E, 4), propagates continuously over the surface of the element until it is completely and uniformly colored. A method is also described for controlling such a functional element, which advantageously can be used as an electrically controllable sunshield for windshields of vehicles and the like.

[Figure 1]